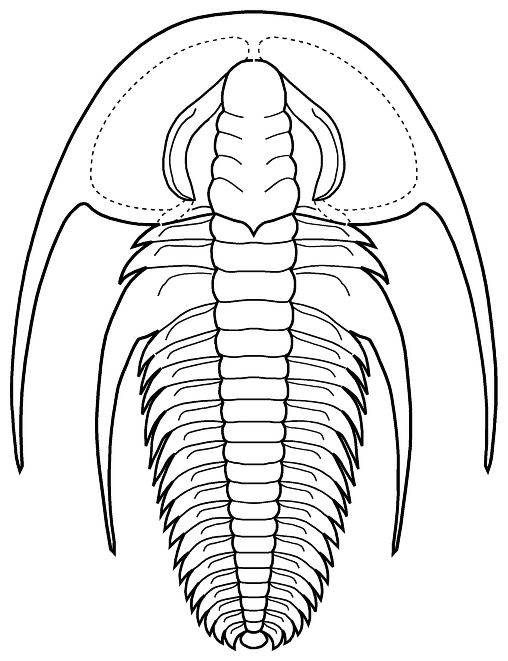
**Storing Fossils – 4 NBT 5 (Assessment Task)**



**Task:**

Dr. Simmons and his team have found the following fossils:



The average weight of the trilobites is 8 grams each. The average weight of the fish fossils is 23 grams each. The average weight of the Utahraptor claws is 391 grams each.

Dr. Simmons wants to store the fossils on shelves in his office. He has 1 shelf that will hold 1 kg, another that will hold 2 kg, and another that will hold 4 kg. Which fossils can he put on each shelf? Use arrays, area models, sets, and/or pictures to show your work.